



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

**\*BIBDATASHEET\***

CONFIRMATION NO. 7708

Bib Data Sheet

<b>SERIAL NUMBER</b> 10/523,745	<b>FILING OR 371(c) DATE</b> 02/03/2005 <b>RULE</b>	<b>CLASS</b> 136	<b>GROUP ART UNIT</b> 1753	<b>ATTORNEY DOCKET NO.</b> NREL 02-11	
<b>APPLICANTS</b> Angelo Mascarenhas, Lakewood, CO; Maeng-Je Seong, Lakewood, CO;					
<b>** CONTINUING DATA *****</b> This application is a 371 of PCT/US02/26958 08/16/2002					
<b>** FOREIGN APPLICATIONS *****</b> <div style="text-align: center;">** SMALL ENTITY **</div>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		<b>STATE OR COUNTRY</b> CO	<b>SHEETS DRAWING</b> 3	<b>TOTAL CLAIMS</b> 63	<b>INDEPENDENT CLAIMS</b> 5
<b>ADDRESS</b> Paul J White National Renewable Energy Laboratory 1617 Cole Boulevard Golden , CO 80401					
<b>TITLE</b> Multi-junction, monolithic solar cell with active silicon substrate					
<b>FILING FEE RECEIVED</b> 1725	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		